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Examiner Jennifer Graser

USPTO

703-872-9306

Art Unit: 1645

PERSON FROM:	COMPANY/DEPT FROM:	FAX NUMBER:
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Diane Payne

Patent Department

302-934-4305

USSN: 10/055,536

Customer No.: 31846

Attorney Reference No.: 1997.341 US D1

Please accept the documents which follow in the above-identified  
application:

Response to Office Action of October 22, 2004 (14 pages)

Figure B (1 Page)

Submission of Sequence Listing Statement (2 pages)

Sequence Listing Paper Copy (19 pages)

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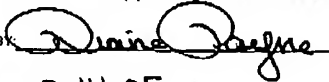
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

DUTTA ET AL

Serial Number: 10/055,536

Group Art Unit: 1645

Filed: January 23, 2002

Examiner: Jennifer Graser

For: A SIZE-VARIABLE STRAIN SPECIFIC PROTECTIVE ANTIGEN FOR POTOMAC  
HORSE FEVER

RESPONSE TO OFFICE ACTION OF OCTOBER 22, 2004

Assistant Commissioner of Patents  
Arlington, VA 22313

Dear Sir:

**I. Introduction**

Please accept the following as a response to the Office Action of October 22, 2004. Please charge any required fees and credit any credits to deposit account 02-2334. Further, Applicant hereby petitions for a one-month extension of time, the fee for which should be charged to deposit account 02-2334.